(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau



(43) International Publication Date 20 March 2003 (20.03.2003)

PCT

(10) International Publication Number WO 2003/023179 A3

(51) International Patent Classification7:

...

(21) International Application Number:

PCT/US2002/025727

E21B 43/10

- (22) International Filing Date: 14 August 2002 (14.08.2002)
- (25) Filing Language:

English

(26) Publication Language:

English

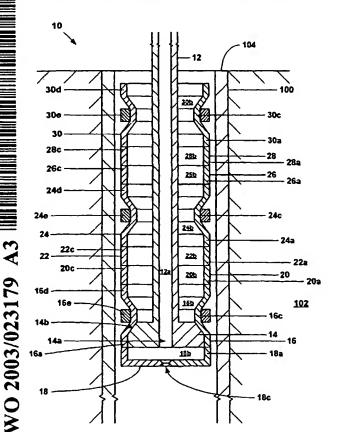
- (30) Priority Data:
 - 60/317,985 60/318,386
- 6 September 2001 (06.09.2001) U 10 September 2001 (10.09.2001) U
- (71) Applicant (for all designated States except US): ENVENTURE GLOBAL TECHNOLOGY [US/US]; 16200 A. Park Row, Houston, TX 77084 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): WADDELL, Kevin

[US/US]; 11007 Sprucedale Court, Houston, TX 77070 (US). RING, Lev [RU/US]; 14126 Heatherhill Place, Houston, TX 77077 (US). BRISCO, David, PAUL [US/US]; 405 Westridge Drive, Duncan, OK 73533 (US).

- (74) Agents: MATTINGLY, Todd; et al.; Haynes and Boone, LLP, 1000 Louisiana Street, Suite 4300, Houston, TX 77002-5012 (US).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, 7W
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

[Continued on next page]

(54) Title: SYSTEM FOR LINING A WELLBORE CASING



(57) Abstract: A system for lining a wellbore casing.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/25727

			PC170302/25727	
A. CLASSIFICATION OF SUBJECT MATTER				
IPC(7) : E21B 43/10 .				
US CL : 166/380, 207				
According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols)				
U.S. : 166/380, 207, 378, 212, 217, 242.6				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
,				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)				
22001010 data take consumed dating the international season (take of data date and, where practicable, scarci terms used)				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where appropriate, of the relevant passages			Relevant to claim No.
X	US 6,070,671 A (CUMMING et al.) 06 June 2000 (06.06.00), figures 1 and 2.			13-15,17,18,21-23,25-
	31,			31, and 33
X	US 6,085,838 A (VERCAEMER et al.) 11 July 2000 (11.07.00), figures 5-7.			1,4-7,11-19, and 21-35
x	SU 1086118 A (GARIFOV) 15 April 1984 (15.04.84), figures 1 and 2.		13-15,17-23,25-31, and	
			33-36	
	<u> </u>			35 30
				•
				_
		····		
☐ n	dominante que listad in the continuation of Dev C	Can	Camilla anno	
Further documents are listed in the continuation of Box C. See patent family annex.				
 Special categories of cited documents: "T" later document published after the international filing date or priority 				
		date and not i	in conflict with the applic	ation but cited to understand the
	ocument defining the general state of the art which is not considered to be principle or theory underlying the invention f particular relevance			
"X" document of particular relevance; the claimed invention cannot be				
"E" earlier ap	plication or patent published on or after the international filing date	considered no	vel or cannot be conside	red to involve an inventive step
when the document is taken alone				
	which may throw doubts on priority claim(s) or which is cited to	"Y" document of	mortioules calcumans, the	claimed invention cannot be
specified)	the publication date of another citation or other special reason (as		involve an inventive ster	
		combined wit	h one or more other such	documents, such combination
"O" document	referring to an oral disclosure, use, exhibition or other means	being obvious	s to a person skilled in th	e art
"P" document	multiplied union on the intermetional filling data but later than the	"&" document me	mber of the same nates	formits.
"P" document published prior to the international filing date but later than the "&" document member of the same patent family priority date claimed				
		D 6 'I' 6		
Date of the actual completion of the international search		Date of mailing of the international search report		
07 October 2002 (07.10.2002)		1.8 FEB 2004.		
		Anthorized officer	11/7	LD 200 0
	ailing address of the ISA/US	THE OTHER PROPERTY.	1 Dreft 102	
	missioner of Patents and Trademarks	Havio X Hearth M.	genogor	ļ
Box PCT Washington, D.C. 20231		1 0-0 4-000	,	
Facsimile No. (703)305-3230 Telephone No. (703) 308-1113				

Form PCT/ISA/210 (second sheet) (July 1998)